

**STIC Biotechnology Systems Branch**

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/820,067  
Source: TEW6  
Date Processed by STIC: 1-31-05

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

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**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER

10/820/007

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS WHICH WERE INSERTED BY PTO SOFTWARE

1. Wrapped Nucleic  
Wrapped Amino

The number at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to J; this will prevent "wrapping."

2. Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes white spaces.

3. Misaligned Amino  
Numbering

The numbering under each 3<sup>rd</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4. Non-ASCII

The submitted file was not saved in ASCII(DOS)ical, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5. Variable Length

Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.<223> section that some may be missing

6. PatentIn 2.0  
"bug"

A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequence(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.<223> sections for Artificial or Unknown sequences.

7. Skipped Sequences  
(OLD RULES)

Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
(1) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading!)  
(1) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES" response to include the skipped sequences.

8. Skipped Sequences  
(NEW RULES)

Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
<210> sequence id number  
<400> sequence id number  
000

9. Use of n's or Xaa's  
(NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>.<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10. Invalid <213>  
Response

Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>.<223> section is required when <213> response is Unknown, or Artificial Sequence.

11. Use of <220>

Sequence(s) missing. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 0001/1998, Vol. 6, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12. PatentIn 2.0  
"bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13. Misuse of n/Xaa

"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/820,067

DATE: 01/31/2005

TIME: 11:27:02

Input Set : D:\SEQLIST 8449-406 (as filed).TXT

Output Set: E:\CRF4\01312005\J820067.raw

4 <110> APPLICANT: Fletcher, J.  
 5 Prince-Cohane, K.  
 6 Mehta, S.  
 7 Slusarewicz, P.  
 8 Andjelic, S.  
 9 Barber, B.  
 11 <120> TITLE OF INVENTION: IMPROVED HEAT SHOCK PROTEIN-BASED  
 12 VACCINES AND IMMUNOTHERAPIES  
 15 <130> FILE REFERENCE: 8449-406-999  
 17 <140> CURRENT APPLICATION NUMBER: 10/820,067  
 18 <141> CURRENT FILING DATE: 2004-04-08  
 20 <150> PRIOR APPLICATION NUMBER: 60/462,469  
 21 <151> PRIOR FILING DATE: 2003-04-11  
 23 <150> PRIOR APPLICATION NUMBER: 60/463,746  
 24 <151> PRIOR FILING DATE: 2003-04-18  
 26 <150> PRIOR APPLICATION NUMBER: 60/503,417  
 27 <151> PRIOR FILING DATE: 2003-09-16  
 29 <160> NUMBER OF SEQ ID NOS: 926  
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 33 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 4  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Malaria  
 38 <400> SEQUENCE: 1  
 39 Asn Ala Asn Pro  
 40 1  
 43 <210> SEQ ID NO: 2  
 44 <211> LENGTH: 9  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Unknown  
 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: HLA-A2 peptide binding motif  
 W--> 51 <221> NAME/KEY: VARIANT  
 52 <222> LOCATION: 2  
 53 <223> OTHER INFORMATION: Xaa = Leu or Met  
 W--> 55 <221> VARIANT  
 56 <222> LOCATION: 6  
 57 <223> OTHER INFORMATION: Xaa = Val or Ile or Leu or Thr  
 W--> 59 <221> VARIANT  
 60 <222> LOCATION: 9  
 61 <223> OTHER INFORMATION: Xaa = Val or Leu  
 W--> 63 <221> VARIANT  
 64 <222> LOCATION: 1,3 , 4, 5, 7, 8

(pg. 6)  
 Does Not Comply  
 Corrected Diskette Needed  
 (pg. 2,3)

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Input Set : D:\SEQLIST 8449-406 (as filed).TXT

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```

65 <223> OTHER INFORMATION: Xaa = any amino acid
W--> 67 <400> 2
W--> 68 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
69 1 5
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 9
74 <212> TYPE: PRT
75 <213> ORGANISM: Unknown
77 <220> FEATURE:
78 <223> OTHER INFORMATION: HLA-A2 peptide binding motif
W--> 80 <221> NAME/KEY: VARIANT
81 <222> LOCATION: 2
82 <223> OTHER INFORMATION: Xaa = Leu or Met
W--> 84 <221> VARIANT
85 <222> LOCATION: 1, 3, 4, 5, 6, 7, 8
86 <223> OTHER INFORMATION: Xaa = any amino acid
W--> 88 <400> 3
W--> 89 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Val
90 1 5
93 <210> SEQ ID NO: 4
94 <211> LENGTH: 8
95 <212> TYPE: PRT
96 <213> ORGANISM: Unknown
98 <220> FEATURE:
99 <223> OTHER INFORMATION: HLA-A2 peptide binding motif
W--> 101 <221> NAME/KEY: VARIANT
102 <222> LOCATION: 2
103 <223> OTHER INFORMATION: Xaa = Val or Gln
W--> 105 <221> VARIANT
106 <222> LOCATION: 1, 3, 4, 5, 6, 7, 8
107 <223> OTHER INFORMATION: Xaa = any amino acid
W--> 109 <400> 4
W--> 110 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu
111 1 5
114 <210> SEQ ID NO: 5
115 <211> LENGTH: 5
116 <212> TYPE: PRT
117 <213> ORGANISM: Unknown
119 <220> FEATURE:
120 <223> OTHER INFORMATION: HLA-DR peptide binding motif
122 <400> SEQUENCE: 5
123 Gln Lys Arg Ala Ala
124 1 5
127 <210> SEQ ID NO: 6
128 <211> LENGTH: 5
129 <212> TYPE: PRT
130 <213> ORGANISM: Unknown
132 <220> FEATURE:
133 <223> OTHER INFORMATION: HLA-DR peptide binding motif

```

*Leu is at this location.*

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Input Set : D:\SEQLIST 8449-406 (as filed).TXT

Output Set: N:\CRF4\01312005\J820067.raw

135 <400> SEQUENCE: 6  
 136 Arg Arg Arg Ala Ala  
 137 1 5  
 140 <210> SEQ ID NO: 7  
 141 <211> LENGTH: 7  
 142 <212> TYPE: PRT  
 143 <213> ORGANISM: Unknown  
 145 <220> FEATURE:  
 146 <223> OTHER INFORMATION: motif in heptamiric region recognized by heat  
 147 shock protein  
 W--> 149 <221> NAME/KEY: VARIANT  
 150 <222> LOCATION: 2  
 151 <223> OTHER INFORMATION: Xaa = Trp or any amino acid  
 W--> 153 <221> VARIANT  
 154 <222> LOCATION: 1, 3, 5, 7  
 155 <223> OTHER INFORMATION: Xaa = hydrophobic amino acid residues  
 W--> 157 <221> VARIANT  
 158 <222> LOCATION: 4, 6  
 159 <223> OTHER INFORMATION: Xaa = any amino acid  
 W--> 161 <400> 7  
 W--> 162 Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 163 1 5  
 166 <210> SEQ ID NO: 8  
 167 <211> LENGTH: 7  
 168 <212> TYPE: PRT  
 169 <213> ORGANISM: Unknown  
 171 <220> FEATURE:  
 172 <223> OTHER INFORMATION: motif in heptamiric region recognized by heat  
 173 shock protein  
 W--> 175 <221> NAME/KEY: VARIANT  
 176 <222> LOCATION: 2  
 177 <223> OTHER INFORMATION: Xaa = Trp or any amino acid  
 W--> 179 <221> VARIANT  
 180 <222> LOCATION: 1, 3, 5, 7,  
 181 <223> OTHER INFORMATION: Xaa = hydrophobic amino acid residue, particularly  
 182 tryptophan, leucine or phenylalanine  
 W--> 184 <221> VARIANT  
 185 <222> LOCATION: 4, 6  
 186 <223> OTHER INFORMATION: Xaa = any amino acid  
 W--> 188 <400> 8  
 W--> 189 Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 190 1 5  
 193 <210> SEQ ID NO: 9  
 194 <211> LENGTH: 4  
 195 <212> TYPE: PRT  
 196 <213> ORGANISM: Artificial Sequence  
 198 <220> FEATURE:  
 199 <221> NAME/KEY: VARIANT  
 200 <222> LOCATION: 1

See item # 11 on error  
summary sheet

p/s explain source  
of genetic material.

The type of errors shown exist throughout  
the sequence listing. Please check subsequent  
sequences for similar errors.

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Input Set : D:\SEQLIST 8449-406 (as filed).TXT

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201 <223> OTHER INFORMATION: Xaa = Ala/Ser/Val/Lys/Glu/Gly/Leu  
 203 <220> FEATURE:  
 204 <223> OTHER INFORMATION: In the order of preference, with Ala the most preferred  
 206 <220> FEATURE:  
 207 <221> NAME/KEY: VARIANT  
 208 <222> LOCATION: 2  
 209 <223> OTHER INFORMATION: Xaa = Lys/Val/Glu  
 211 <220> FEATURE:  
 212 <223> OTHER INFORMATION: In the order of preference, with Lys the most preferred  
 214 <220> FEATURE:  
 215 <221> NAME/KEY: VARIANT  
 216 <222> LOCATION: 3  
 217 <223> OTHER INFORMATION: Xaa = Val/Ser/Phe/Thr/Lys/Ala/Glu  
 219 <220> FEATURE:  
 220 <223> OTHER INFORMATION: In the order of preference, with Val the most preferred  
 222 <400> SEQUENCE: 9  
 W--> 223 Xaa Xaa Xaa Leu  
 224 1  
 227 <210> SEQ ID NO: 10  
 228 <211> LENGTH: 10  
 229 <212> TYPE: PRT  
 230 <213> ORGANISM: Adeno Virus  
 232 <400> SEQUENCE: 10  
 233 Ser Gly Pro Ser Asn Thr Pro Pro Glu Ile  
 234 1 5 10  
 237 <210> SEQ ID NO: 11  
 238 <211> LENGTH: 11  
 239 <212> TYPE: PRT  
 240 <213> ORGANISM: Lymphocytic Choriomeningitis Virus (LCMV)  
 242 <400> SEQUENCE: 11  
 243 Ser Gly Val Glu Asn Pro Gly Gly Tyr Cys Leu  
 244 1 5 10  
 247 <210> SEQ ID NO: 12  
 248 <211> LENGTH: 10  
 249 <212> TYPE: PRT  
 250 <213> ORGANISM: Lymphocytic Choriomeningitis Virus (LCMV)  
 252 <400> SEQUENCE: 12  
 253 Lys Ala Val Tyr Asn Phe Ala Thr Cys Gly  
 254 1 5 10  
 257 <210> SEQ ID NO: 13  
 258 <211> LENGTH: 9  
 259 <212> TYPE: PRT  
 260 <213> ORGANISM: Lymphocytic Choriomeningitis Virus (LCMV)  
 262 <400> SEQUENCE: 13  
 263 Arg Pro Gln Ala Ser Gly Val Tyr Met  
 264 1 5  
 267 <210> SEQ ID NO: 14  
 268 <211> LENGTH: 9  
 269 <212> TYPE: PRT

## RAW SEQUENCE LISTING

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Input Set : D:\SEQLIST 8449-406 (as filed).TXT

Output Set: N:\CRF4\01312005\J820067.raw

270 &lt;213&gt; ORGANISM: Lymphocytic Choriomeningitis Virus (LCMV)

272 &lt;400&gt; SEQUENCE: 14

273 Phe Gln Pro Gln Asn Gly Gln Phe Ile

274 1 5

277 &lt;210&gt; SEQ ID NO: 15

278 &lt;211&gt; LENGTH: 9

279 &lt;212&gt; TYPE: PRT

280 &lt;213&gt; ORGANISM: Influenza Virus

282 &lt;400&gt; SEQUENCE: 15

283 Ile Glu Gly Gly Trp Thr Gly Met Ile

284 1 5

287 &lt;210&gt; SEQ ID NO: 16

288 &lt;211&gt; LENGTH: 10

289 &lt;212&gt; TYPE: PRT

290 &lt;213&gt; ORGANISM: Influenza Virus

292 &lt;400&gt; SEQUENCE: 16

293 Thr Tyr Val Ser Val Ser Thr Ser Thr Leu

294 1 5 10

297 &lt;210&gt; SEQ ID NO: 17

298 &lt;211&gt; LENGTH: 8

299 &lt;212&gt; TYPE: PRT

300 &lt;213&gt; ORGANISM: Influenza Virus

302 &lt;400&gt; SEQUENCE: 17

303 Phe Glu Ala Asn Gly Asn Leu Ile

304 1 5

307 &lt;210&gt; SEQ ID NO: 18

308 &lt;211&gt; LENGTH: 9

309 &lt;212&gt; TYPE: PRT

310 &lt;213&gt; ORGANISM: Influenza Virus

312 &lt;400&gt; SEQUENCE: 18

313 Ile Tyr Ser Thr Val Ala Ser Ser Leu

314 1 5

317 &lt;210&gt; SEQ ID NO: 19

318 &lt;211&gt; LENGTH: 9

319 &lt;212&gt; TYPE: PRT

320 &lt;213&gt; ORGANISM: Influenza Virus

322 &lt;400&gt; SEQUENCE: 19

323 Thr Tyr Gln Arg Thr Arg Ala Leu Val

324 1 5

327 &lt;210&gt; SEQ ID NO: 20

328 &lt;211&gt; LENGTH: 9

329 &lt;212&gt; TYPE: PRT

330 &lt;213&gt; ORGANISM: Influenza Virus

332 &lt;400&gt; SEQUENCE: 20

333 Cys Thr Glu Leu Lys Leu Ser Asp Tyr

334 1 5

337 &lt;210&gt; SEQ ID NO: 21

338 &lt;211&gt; LENGTH: 8

339 &lt;212&gt; TYPE: PRT

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/820,067

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Input Set : D:\SEQLIST 8449-406 (as filed).TXT  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 1,2,3,4,5,6,7,8,9  
Seq#:3; Xaa Pos. 1,2,3,4,5,6,7,8  
Seq#:4; Xaa Pos. 1,2,3,4,5,6,7,8  
Seq#:7; Xaa Pos. 1,2,3,4,5,6,7  
Seq#:8; Xaa Pos. 1,2,3,4,5,6,7  
Seq#:9; Xaa Pos. 1,2,3  
Seq#:401; Xaa Pos. 7  
Seq#:402; Xaa Pos. 3  
Seq#:407; Xaa Pos. 2,6  
Seq#:454; Xaa Pos. 5  
Seq#:564; Xaa Pos. 7  
Seq#:565; Xaa Pos. 3  
Seq#:570; Xaa Pos. 2,6  
Seq#:617; Xaa Pos. 5  
Seq#:805; Xaa Pos. 7  
Seq#:806; Xaa Pos. 3  
Seq#:811; Xaa Pos. 2,6  
Seq#:858; Xaa Pos. 5



## VERIFICATION SUMMARY

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TIME: 11:27:03

Input Set : D:\SEQLIST 8449-406 (as filed).TXT

Output Set: N:\CRF4\01312005\J820067.raw

L:51 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:59 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:63 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:67 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:80 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:84 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:88 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:101 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:105 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:109 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:149 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:153 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:157 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:161 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:175 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:179 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:184 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:188 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8  
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:501 M:283 W: Missing Blank Line separator, <400> field identifier  
L:4951 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:4955 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:401  
L:4956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401 after pos.:0  
L:4968 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:4972 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:402  
L:4973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:402 after pos.:0  
L:5037 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:5041 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:407  
L:5042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:407 after pos.:0  
L:5652 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:5656 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:454  
L:5657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:454 after pos.:0  
L:7086 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:7090 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:564  
L:7091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:564 after pos.:0  
L:7103 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:7107 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:565  
L:7108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:565 after pos.:0  
L:7172 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:7176 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:570  
L:7177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:570 after pos.:0  
L:7787 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

## VERIFICATION SUMMARY

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Input Set : D:\SEQLIST 8449-406 (as filed).TXT

Output Set: W:\CRF4\01312005\J820067.raw

L:7791 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:617  
L:7792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:617 after pos.:0  
L:10404 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:10408 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:805  
L:10409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:805 after pos.:0  
L:10422 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:10426 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:806  
L:10427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:806 after pos.:0  
L:10496 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:10500 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:811  
L:10501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:811 after pos.:0  
L:11158 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:11162 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:858  
L:11163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:858 after pos.:0

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